

MINUTES OF THE MEETING OF THE BOARD OF TRUSTEES OF THE CLEMSON AGRICULTURAL
COLLEGE HELD AT CLEMSON COLLEGE, FRIDAY, JUNE 16, 1944

At 10:08 A. M. the members assembled in the President's Office. The Chairman announced that, since it was evident there could be no meeting of the Executive Committee, if there were no objection he would call the Board into session. The Board went into regular session with the following five members present: Messrs. W. W. Bradley, Chairman, Paul Sanders, S. H. Sherard, J. B. Douthit, Jr. and Edgar A. Brown. Mr. J. P. Mozingo arrived after the meeting and reviewed the action of the Board with the Secretary. Others present were R. F. Poole, President, S. W. Evans, Secretary-Treasurer, J. C. Littlejohn, Business Manager, G. H. Hill, Assistant Business Manager, and A. J. Brown of the Treasurer's Office. The members absent were: Messrs. J. E. Sirrine, Christie Benet, T. B. Young, R. M. Cooper, Jas. F. Byrnes, W. C. Graham, and F. E. Cope.

Mr. Sirrine was unable to attend the meeting due to business out of the state and Mr. Cooper was not present due to illness in his family.

The Chairman called attention to the lack of a quorum and stated that in keeping with past practice the meeting would proceed and on approval of suitable resolution a letter vote would be obtained from the absent members to validate the action taken by the members present.

The Chairman stated that if he heard no objection to recording of the minutes of the previous meeting he would declare the same as approved.

Approved

The Chairman then called for the President's report. Each member having been given a copy of the report the President reviewed it briefly.

The President's report was received as information and the Chairman called for the President's recommendations.

PRESIDENT'S RECOMMENDATIONS

1. Having successfully completed one of the regularly prescribed courses of study and upon the approval of the faculty and by authority of the President of the Board of Trustees, the Bachelor's degree was conferred upon the following young men on May 14, 1944 - and the Board's approval was asked for the awarding of degrees to them:

SCHOOL OF AGRICULTURE

Agricultural Economics - Major

Joseph Le Gette Bostick

Horticulture - Major

James Wright Hare, Jr.

SCHOOL OF CHEMISTRY

Chemistry

*Miller Harrell Peterson

SCHOOL OF ENGINEERING

Architecture and Architectural Engineering

Robert Shelton James

Chemistry-Engineering

William Hood Gambrell

Electrical Engineering

Steven Raymond Carlon, Jr.
Jonathan Harvey Carpenter, Jr.

Mechanical Engineering

*James Franklin Sutton

SCHOOL OF GENERAL SCIENCE

General Science

Howard Eugene Morrison
William Christopher Smith

Industrial Physics

*Herbert Bernhard Rosenstock

Pre-Medicine

James Foster Williamson

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SCHOOL OF VOCATIONAL EDUCATIONVocational Agricultural Education

Frank Eugene Baldwin, Jr.
Ben Langdon Griffin

* With Honor

Moved by Mr. Sherard and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

2. Under authority of the By-laws the President accepted the following RESIGNATIONS and asked the Board's approval of his action -

School of Agriculture and
Division of Agricultural Research

R. W. Lipscomb, Assistant Professor of Agronomy; Effective April 30, 1944.

James B. Pate, Anderson Fellowship; Effective March 31, 1944.

Harry A. White, Assistant Agricultural Economist; Effective June 30, 1944.

School of General Science

D. I. Purser, Instructor in English; Effective August 31, 1944.

E. M. Lander, Jr., Instructor in Mathematics; Effective August 31, 1944.

Military Department

K. S. Breazeale, Adjutant and Assistant Commandant; Effective May 15, 1944.

J. C. Cook, Jr., Adjutant and Assistant Commandant; Effective June 15, 1944.

Extension Division

W. R. Ducworth, Assistant County Agent - York County; Effective April 12, 1944.

D. R. Hopkins, County Agent - Richland County; Effective May 15, 1944.

W. J. Rideout, Jr., Rural Electrification Specialist; Effective April 15, 1944.

Livestock Sanitary Department

H. J. Jones, Assistant State Veterinarian; Effective April 30, 1944.

D. G. MacDonald, Assistant State Veterinarian; Effective June 10, 1944.

Subsistence Department

C. R. McCoy, Assistant Mess Officer; Effective April 30, 1944.

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

3. The President granted the following LEAVES OF ABSENCE without pay and asked the Board's approval of his action -

Myra A. Barron, Clerk and Stenographer; from April 20, 1944 to April 20, 1945; military leave.

Resignations

Leave of Absence

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H. A. Bernhardt, Associate Professor of Chemistry; beginning September 1, 1944 and expiring at the pleasure of the Board but not extending beyond August 31, 1945 without renewal; for special war research with Carbine and Carbon.

H. A. Carey, Helper Mechanic, from April 11, 1944 to April 11, 1945; military leave.

A. C. Menius, Jr., Assistant Professor of Physics; beginning April 22, 1944 and expiring at the pleasure of the Board but not extending beyond August 31, 1945 without renewal; for special war research with the Johns Hopkins Laboratory of Applied Physics.

Moved by Mr. Sherard and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

4. The President recommended that the leave of absence granted Dr. H. M. Brown, Professor of Physics, be extended from September 1, 1944 to September 1, 1945. Dr. Brown is working with the Radiation Laboratory of the Massachusetts Institute of Technology on vital war research work.

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

5. The President recommended that those military leaves of absence which were granted for one year and which have expired or will expire before the next meeting of the Board be extended for an additional year, if such time is necessary, under the terms and conditions of the original leave.

Moved by Mr. Sanders and Seconded by Mr. Douthit: That the recommendation be approved.

Motion Adopted

6. The President made the following TRANSFERS and asked the Board's approval of the same.

R. W. Bailey, from County Agent, Union County to County Agent, Richland County; Salary \$3,400.00; Effective June 1, 1944.

J. E. Fagan from Assistant County Agent, Newberry County to County Agent, Union County; Salary \$2,880.00; Effective June 1, 1944.

Waymon Johnson from Negro Agricultural Agent, Chester County to Assistant District Agent Negro Men's Work; Salary \$2,000.00; Effective April 17, 1944.

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

7. Under authority given him in the By-laws the President made the following APPOINTMENTS and asked the Board's approval of his action.

School of Agriculture and
Division of Agricultural Research

Frances Virginia Williams, Associate Nutritionist; Salary \$250.00 per month; Effective June 1, 1944 and continuing through July 31, 1944. (To be paid from Research Corporation Funds.)

Military Department

Captain J. C. Cook, Jr., Adjutant and Assistant Commandant; Salary \$660.00; Effective May 16, 1944. (Resigned effective June 15, 1944.)

Dr. H. M. Brown

Military leave

Transfers

Appointments

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Lieutenant M. J. Griffin; Adjutant and Assistant Commandant; Salary \$330.00; Effective June 16, 1944.

Lieutenant J. D. Harney, Assistant Commandant; Salary \$120.00; Effective June 16, 1944.

Captain Covington McMillan, Assistant Commandant and Commanding Officer of ROTC Cadets; Salary \$330.00; Effective June 16, 1944.

Athletic Department

A. Hoke Sloan, temporary work soliciting for athletics; Salary \$250.00 per month; beginning March 1, 1944 and continuing through June 30, 1944.

Extension Division

A. D. Grainger, Assistant County Agent, Williamsburg County; Salary \$2,400.00; Effective May 10, 1944.

H. D. Marett, Assistant County Agent, Pickens County; Salary \$2,000.00; Effective August 9, 1943.

M. M. Sitton, Negro Agricultural Agent, Chester County; Salary \$1,800.00; Effective April 17, 1944.

S. A. Williams, Assistant County Agent, Newberry County; Salary \$2,460.00; Effective June 1, 1944.

Moved by Mr. Sherard and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

8. The following members of the Extension Staff have served satisfactorily in their respective positions for a period of less than one year. The President recommended that they be continued on a probationary basis during the fiscal year 1944-1945.

C. H. Langford, Assistant Marketing Specialist; Salary \$3,000.00; Appointed February 21, 1944.

W. R. Crook, Assistant County Agent; Salary \$2,100.00; Appointed January 1, 1944.

C. H. Lomas, Assistant County Agent; Salary \$2,700.00; Appointed September 16, 1943.

H. D. Marett, Assistant County Agent; Salary \$2,000.00; Appointed August 9, 1943.

C. W. Thompson, Assistant County Agent; Salary \$2,100.00; Appointed January 1, 1944.

W. R. Wells, Jr. County Agent; Salary \$3,060.00; Appointed March 23, 1944.

T. A. Hammond, Negro Agricultural Agent; Salary \$1,620.00; Appointed February 1, 1944.

M. M. Sitton, Negro Agricultural Agent; Salary \$1,800.00; Appointed April 17, 1944.

R. C. Smith, Jr. Negro Agricultural Agent; Salary \$1,800.00; Appointed March 1, 1944.

Moved by Mr. Sanders and Seconded by Mr. Douthit: That the recommendation be approved.

Motion Adopted

9. The following teachers in the School of General Science have served satisfactorily during the past session and the President recommended that they be re-elected for a period of time ending August 31, 1945; provided, however, that in case the enrollment does not warrant their retention the College may terminate their contracts at any time during the year.

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W. H. Milner, Assistant Professor of Mathematics; Salary \$2,500.00; Appointed November 15, 1943.

E. L. Stanley, Instructor in Mathematics; Salary \$2,250.00; Appointed November 22, 1943.

J. M. Pigford, Instructor in Physics; Salary \$2,000.00; Appointed February 4, 1944.

MacFarland Shackelford, Instructor in Physics; Salary \$1,800.00; Appointed September 27, 1943.

J. H. Mitchell, Instructor in Physics; Salary \$2,200.00; Appointed June 1, 1943.

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

10. SECOND APPOINTMENTS: The following teachers and officers have served satisfactorily in their various positions for a probationary period and the President recommended that they be elected for a period of time expiring at the pleasure of the Board of Trustees.

School of Agriculture and
Division of Agricultural Research

Dennis E. Crawford, Assistant Agricultural Economist; Salary \$2,200.00; Appointed August 1, 1943. (Substituting for Ernest Riley who is on military leave.)

W. H. Purser, Assistant Bee Specialist; Salary \$2,520.00; Appointed August 28, 1943.

F. A. Kummerow, Associate Nutritionist; Salary \$3,000.00; Appointed October 21, 1943.

Margaret M. Crowson, Associate Nutritionist; Salary \$3,000.00; Appointed February 1, 1944.

Frank Fendley, Assistant in Agricultural Engineering; Salary \$1,620.00; Appointed November 1, 1943. (Employed while G. H. Dunkelberg is on military leave.)

L. O. Drew, Instructor in Agricultural Engineering; Salary \$1,800.00; Appointed October 1, 1943. (Substituting for W. N. McAdams who is on military leave.)

School of Engineering

J. T. Long, Instructor in Electrical Engineering; Salary \$2,100.00; Appointed November 1, 1943.

School of Vocational Education

Marie P. Jones, Itinerant Teacher Trainer; Salary \$3,000.00; Appointed April 1, 1943. (Substituting for L. R. Booker who is on military leave.)

Library

Mary Katherine Dusenberry, Assistant Librarian in charge of government documents; Salary \$1,500.00; Appointed September 1, 1943.

Military Department

Colonel W. A. Cunningham, Professor of Military Science and Tactics and Commandant; Salary \$1,800.00; Appointed September 19, 1943.

Extension Division

L. B. Harrington, Assistant County Agent; Salary \$1,800.00; Appointed November 1, 1942.

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R. H. Sams, County Agent; Salary \$2,880.00; Appointed April 1, 1943.

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

11. The following members of the Clemson Staff have been authorized to engage in extra work for which they will receive additional compensation. According to the By-laws the President reported this and asked the Board's approval of the same.

E. J. Freeman, Professor of Industrial Engineering, Salary \$3,200.00; Employed by the S. C. Experiment Station, Nutrition Department to design, construct, and install small feeders for the enrichment of corn meal and grits; to be employed from June 1, 1944 through August 31, 1944; to be paid \$800.00 from Research Corporation Funds.

B. E. Goodale, Associate Professor of Dairying; Salary \$3,100.00. Employed by the Extension Division to further the dairy program; to be employed from May 15, 1944 through September 30, 1944; to be paid at the rate of \$266.66 per month from Federal Smith-Lever funds.

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

12. The President recommended that J. E. Love, Foreman, Coast Experiment Station, be authorized to receive in addition to his regular salary the sum of \$100.00 as compensation from the Insurance Company under the terms of the Workmen's Compensation Act. Due to labor shortage Mr. Love attempted to carry on his regular duties which necessitated additional expenses not payable from the Insurance Company.

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

13. Upon the direction of Director D. W. Watkins, the President granted the following salary increases effective April 1, 1944 and asked the Board's approval of the same -

<u>Name and Title</u>	<u>Present Salary</u>	<u>Proposed Salary</u>
Grace Ashe, Stenographer	\$1,050.00	\$1,320.00
Lillian W. Brown, Negro Home Dem. Agent	960.00	1,200.00
Ammie Felder, Executive Asst.	1,584.00	1,824.00
Rita Huggins, Stenographer	1,320.00	1,440.00
Betty B. McNaull, Stenographer	1,320.00	1,440.00
Margaret E. Shurley, Stenographer	1,110.00	1,320.00

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

14. Upon the request of Director D. W. Watkins, the President recommended that the following salary increases be made effective July 1, 1944.

<u>Name and Title</u>	<u>Present Salary</u>	<u>Proposed Salary</u>
Louise Alsbrook, Asst. Home Dem. Agent	\$1,500.00	\$1,560.00
H. G. Boylston, Cotton Improvement Specialist	3,140.00	3,340.00
Obera Byars, Asst. Home Dem. Agent	1,620.00	1,680.00
J. E. Fagan, County Agent, Union County	2,880.00	3,240.00
E. P. Josey, County Agent, Anderson County	3,580.00	3,700.00
Carolyn T. McCutchen, Asst. Home Dem. Agent	1,500.00	1,560.00
Annie D. Mitchell, Asst. Home Dem. Agent	1,440.00	1,560.00
Mahala J. Smith, County Home Dem. Agent	2,400.00	2,460.00
Frances Thomas, Negro Home Dem. Agent	1,140.00	1,146.00
J. D. Watson, Asst. County Agt., Richland County	2,380.00	2,450.00
Ann Williamson, Asst. Home Dem. Agent	1,500.00	1,620.00
Cecelia M. Young, Negro Home Dem. Agent	1,140.00	1,200.00

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Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

15. In the salaries recommended effective April 1, 1944 for the following County Home Demonstration Agents the amounts included travel allowances carried in the county budgets. The President recommended the corrected salaries effective July 1, 1944 as listed below:

Name	Present Salary	Proposed Salary
Julia Stebbins	\$2,633.00	\$2,564.00
Laura Connor	2,424.00	2,400.00
Mattie Lee Cooley	2,440.00	2,160.00
Mary Ellen Eaves	2,340.00	2,040.00
Margaret Fewell	2,315.00	2,040.00
Amelia Muldrow	2,280.00	1,920.00
Susie Flowers	2,240.00	2,040.00

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

16. Upon the request of Dr. H. P. Cooper, the President recommended that the following salary increases be made effective July 1, 1944:

Name and Title	Present Salary	Proposed Salary
C. J. Nusbaum, Assoc. Plant Path.	\$ 300.00	\$ 300.00
B-Jones		
Edisto Sta	2,900.00	3,100.00
	\$ 3,200.00	\$ 3,400.00
O. L. Cartwright, Assoc. Entomologist	\$ 2,220.00	\$ 2,220.00
Purnell		
B-Jones	660.00	780.00
	\$ 2,880.00	\$ 3,000.00
L. O. Drew, Instr. in Agrl. Engineer- ing	\$1,800.00	\$ 1,800.00
College		
B-Jones	0.00	200.00
	\$ 1,800.00	\$ 2,000.00
Betty Cannon, Clerk	\$ 900.00	\$ 1,080.00
B-Jones		
H. L. Somers, Asst. in Dairying	\$ 1,200.00	\$ 1,320.00
Purnell		
Taylor Henderson, Feeder	\$ 1,200.00	\$ 1,320.00
Farm Prod.		

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

17. The President recommended that the following salary increases be made effective July 1, 1944:

Athletic Department Funds	Present Salary	Proposed Salary
Name and Title		
George Fritts, Assistant Coach	\$2,400.00	\$2,600.00
Research Corporation Funds		
K. R. Ray, Asst. Agrl. Engineer	\$3,000.00	\$3,300.00*

Extension Division (*) This increase applicable to 1944-45 only unless approved further.

Collegiate Activity Funds

Name and Title	Present Salary	Proposed Salary
F. M. Kinard, Dean of the School of Gen. Science	\$3,800.00	\$4,600.00

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J. C. Hendricks, Prof. of Physics and Acting Head of the Physics Department	\$3,100.00	\$3,400.00
J. H. Mitchell, Chemist	3,400.00	3,500.00
\$2,068.00 paid by the Experiment Station		
D. B. Rosenkrans, Assoc. Prof. of Botany	3,000.00	3,200.00
B. E. Goodale, Assoc. Prof. of Dairying	3,100.00	3,300.00
G. H. Collings, Professor of Soils	3,200.00	3,300.00
R. O. Feeley, Professor of Veterinary Science	3,100.00	3,200.00
Rupert Taylor, Professor of English	2,800.00	2,900.00
R. R. Ritchie, Assoc. Professor of Animal Husbandry	2,700.00	2,900.00
L. P. Crawford, Laboratory Helper	1,200.00	1,320.00
D. P. Thompson, Acting Asst. Prof. of Carding and Spinning	2,304.00	2,500.00
E. P. Ward, Instr. in Textiles	2,100.00	2,300.00
J. H. Woodward, Alumni Secretary	2,560.00	2,660.00
J. W. LaGrone, Asst. Professor of Mathematics	2,200.00	2,500.00
Rudolph Hendricks, Machinist	1,600.00	1,700.00
Ernest Dillard, Assistant in Forge and Foundry	1,600.00	1,700.00
J. D. Willis, Textile Machinist	1,600.00	1,700.00
J. Whitt Dillard, Textile Machinist	1,600.00	1,700.00

Moved by Mr. Sherard and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

18. The President recommended the following CHANGES IN TITLE:

- B. E. Goodale from Associate Professor in Dairying to Professor of Dairying.
D. B. Rosenkrans from Associate Professor of Botany to Professor of Botany.
J. W. LaGrone from Assistant Professor of Mathematics to Associate Professor of Mathematics.
J. P. Brewster from Instructor in Mathematics to Assistant Professor of Mathematics.
M. C. Stapp from Instructor in Mathematics to Assistant Professor of Mathematics.
A. D. Lewis from Instructor in Mechanical Engineering to Assistant Professor of Mechanical Engineering.
J. M. Stepp from Assistant Agricultural Economist and Assistant Professor of Agricultural Economics to Associate Agricultural Economist and Associate Professor of Agricultural Economics.

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

19. The President recommended that those members of the College staff who have reached the age of 65 during the fiscal year but who have not yet reached the age of 70 be continued for the fiscal year 1944-1945:

Collegiate Activities

Name	Age	Date of Birth
J. E. Hunter	69	9-12-74
W. E. Godfrey	69	9-15-74
C. C. Newman	68	9- 6-75
W. W. Klugh	68	10-31-75
S. M. Martin	68	10-30-75
A. G. Holmes	68	5-27-76
R. E. Lee	68	3-12-76
F. Sherman	66	11- 2-77
S. B. Earle	66	3-11-78
M. E. Bradley	66	5- 9-78
E. L. Clarke	65	6-18-79

Extension Division

A. B. Bryan (1)	69	6- 7-75
Louise C. Fleming	66	7-27-77
Kate M. Hooper	66	12-23-77
Mahala J. Smith	66	4- 9-78

Changes in Title

Age of 65
(Retirement)

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H. A. McGee 65 5-23-79
(1) A. B. Bryan employed jointly by Experiment Station

Livestock Sanitary Division

Walter K. Lewis 68 1-22-76

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Age 70

Motion Adopted

20. The President recommended that the following employees who have reached the age of 70 be continued in their present status for the fiscal year 1944-1945:

<u>Collegiate Activities</u>	<u>Age</u>	<u>Date of Birth</u>
D. W. Daniel	77	5-23-67
F. H. H. Calhoun	71	6-27-73

Experiment Station

Mary E. Frayser 70 4-19-74

Extension Service

Dora D. Walker	74	11-18-69
Eunnie J. Evans	70	2-12-74

Miscellaneous

Mrs. E. J. Freeman	73	1- 4-71
J. H. McHugh	75	6- 4-69
L. M. Stevens	75	12- 7-68

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

21. The President recommended that Miss Ella R. Norris, Stenographer in the office of the District Agent in Aiken, be placed on a part-time basis and that we pay her \$40.00 a month beginning July 1, 1944.

Approved

22. The President recommended that the College Treasurer be authorized to open an account for the College with the Fort Hill Bank and Trust Company, a local institution, which will begin operation on July 24th. The Bank has agreed to pledge, and deliver to the College Treasurer, United States Government Bonds to secure the account; also, the bank will be a member of the Federal Deposit Insurance Corporation. The capital stock will be \$25,000.00 with a paid in surplus of \$5,000.00.

Moved by Mr. Sanders and Seconded by Mr. Douthit: That the recommendation be approved.

Motion Adopted

23. The disposal of equipment and supplies not essential to the war activities has been announced and is actually under way. Apparently the equipment and supplies will be disposed of at prices much below the actual and inventory value. Much of this equipment is needed at Clemson.

The President asked for authority to use, as far as practicable, unused salaries and lapses in salaries for the purchasing of needed equipment.

Moved by Mr. Douthit and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

24. Since the equipment and supplies which Clemson shall need in the future may be purchased at a discount, with a few hundred thousand dollars we could purchase more than a million dollars worth of equipment and supplies.

Fort Hill Bank & Trust Co.

Purchase of equipment & supplies

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The President recommended that authority be granted to seek \$300,000.00 from the General Assembly for this purpose.

Approved

Summer Pay

25. The salary of a teacher is paid in twelve equal installments for the usual nine months' work. In order to provide a basis of pay for teachers in the summer school, the President recommended that the summer monthly rate be approximately one-ninth the budgeted annual salary.

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

26. Valuable men who are on leave for military service have not received raises in pay and advancement in rank in keeping with those who have remained at the College.

Adj. of salaries (mentioned)

The President asked the Board's approval of the policy of allowing the Administration to make meritorious adjustments when these men return to their regular duties.

Moved by Mr. Sanders and Seconded by Mr. Douthit: That the recommendation be approved.

Motion Adopted

Y.M.C.A.

27. The Young Men's Christian Association, which has been partly separate from the general Administration of the College and the Board of Trustees, is being required to adhere to business principles in keeping with the other divisions of the College. The agreement with Mr. Rockefeller in regard to an Advisory Board and the autonomy of the YMCA funds will be continued as far as practicable.

The Secretary of the YMCA shall prepare his budget in accordance with the rules governing the other College organizations and all money accruing from YMCA activities shall be administered by the College Treasurer.

The President asked the Board's approval of these plans.

Moved by Mr. Sanders and Seconded by Mr. Douthit: That the recommendation be approved.

Motion Adopted

Raw Materials

28. To fulfill the resolution passed by the Board of Trustees at the April meeting concerning "possible use of raw materials found in the state, the development of manufacturing and shop industries which are suitable to our people, and any other developments which seem practical and useful" the faculty as a whole was asked to submit a list of subjects worthy of research in the field of technology in the state. More than two hundred proposed products were submitted for study.

Research Work

A committee composed of Professors Mr Ginty, Chairman, Calhoun, Cook, Freeman, Hendricks, Lease, Marshall, Tingley, Watson, and Wise studied the projects and submitted a list of proposed projects and the initial cost necessary for the investigations.

The President recommended for the Board's approval the projects presented by the committee.

"It is tentatively suggested that a request for \$100,000.00 annually for the next ten years be submitted to the General Assembly to undertake some of this work. There is no doubt that work along any one of the various lines would lead into other worthwhile projects which could be followed up after the original objective is attained. The money might be divided somewhat as follows:

Investigating the marl, clay, and other mineral deposits	\$20,000.00 annually
A plant breeding program	20,000.00 annually
Studies on the utilization of sweet potatoes, citron, artichokes, soy-beans, peanuts, and other plants for starch, alcohol, and food	20,000.00 annually
Other projects	40,000.00 annually

Investigation of the Extent and Possible Utilization of Mineral Deposits

A. Non-metallic minerals

1. Marls:

a. For agricultural uses:

Material may be ground and used without other treatment.

b. For manufacture of quick-lime:

One problem is to devise furnace for handling soft material.

c. For manufacture of cement.

Clays of the type necessary for cement making are available nearby.

2. Clays:

a. For use in ceramics industries - brick, tile, pottery, etc.

b. For use as a source of aluminum.

c. For use as diluents and carriers of insecticides, etc.

d. Utilization of impure kaolins.

3. Phosphates:

Use of electrolytic methods for concentrating.

4. Beryl, topaz, and mica.

B. Metallic minerals.

1. Tin

2. Manganese

3. Iron

Development of Forest Products for Use by New Industries

1. Utilization of low-grade hardwood (Example: Black-Jack oaks for tannin).
2. Utilization of wastes (lignin, tannin, sawdust, pine needles, etc.)
3. Treatment of woods by chemical and mechanical processes to enhance durability and strength.
4. Wood veneer and package materials.
5. Possibility of cork oak production.
6. Furniture and carved wood (including utilization of pine cones for ornamental purposes).
7. Paper pulp.
8. Plastics and molded wood.
9. Increasing electrical resistance of wood by leaching out sap, thus making it useful in electrical installations.
10. Hydrolysis of pine wood to give plastic-like surface.
11. New stains and other finishes for pinewood.

Plant Breeding Investigations

To develop improved and adapted varieties for safer and more economic agriculture:

1. Corn (including hybrid varieties).
2. Pasture plants (white clover, dallis grass, Bermuda grass).
3. Apples, peaches, grapes, plums.
4. Cowpeas and soy-beans.
5. Cantaloupes, lettuce, peppers, etc.
6. High oil-producing varieties of cotton.

Studies of the Use of Sweet Potatoes, Citron, Soy-beans, Peanuts, Artichokes, and other Plants for Livestock Feed and for Industrial Purposes.

1. Roots for feeding livestock (primarily hogs) chiefly in dehydration.
2. Vines for silage.
3. Roots for starch and alcohol manufacture, including adaptation of starch for use in textile industry.
4. Utilization of by-products from starch and alcohol plants.
5. Mechanization of production to reduce cost.
6. Roots as source of carotene and Vitamin C.
7. Breeding for high starch content and high yield.

Promising New Crops Which Need Investigation

1. Drug plants (including a survey of native drug plants).
2. Condiment plants (pepper, etc.).
3. Essential oil plants (mint).

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4. Broom corn.
5. Lespedeza sericea (including a physiological effects).
6. Kudzu.
7. Blueberries.
8. Grain sorghums.

Hydrologic Studies

1. Surface water analyses.
2. Water power resources, including compilation of data on stream flow.
3. Bacteriological study of streams and lakes.

Bamboo

Studies of Bamboo

1. Continuation of investigations of use for reinforcing concrete.
2. For manufacture of paper.
3. For manufacture of furniture.
4. Chemical treatments to increase its strength.

Processing and Storage of Meat with Special Reference to Pork Products and the Use of Cotton Seed Oil as a Preservative.

Study of Methods and Costs of Constructing Buildings of Rammed Earth.

Study of Physical Properties of Soils.

Spectroscopic Analyses of Cotton Fibres (Relation of Findings to Soil Conditions).

Production of Package Bees for Northern Beekeepers.

Investigation of the Value of Acorns as Sources of Oil, Proteins, etc."

Short Courses

Approved

29. A committee has been appointed and short courses in agriculture, engineering, and textiles are available for students with high school diplomas and/or equivalent training.

The President recommended that the College be authorized to cooperate with the Federal Government in providing education and training for members of the Armed Forces on their separation from active service and that written agreements be made with the Veterans' Bureau or such agency as may be empowered to make such agreements.

Physical Training

Approved

30. The health and physical fitness of a student are no less important than his scholastic standing and may be considered as assets to learning.

The President asked authority to initiate compulsory physical training for all students and to allow credit for the work.

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

31. The President recommended that the Board of Trustees accept the recommendations of the Board of Visitors and express appreciation for their time and services and especially thank Mr. E. T. H. Shaffer for his interest in the College and for the letter he wrote Mr. Paul Sanders.

Livestock Sanitary Work

Approved

32. When the Livestock Sanitary Program was initiated the practicing veterinary profession in the state had not advanced to its present good service.

The President stated that he believed the Livestock Sanitary Staff would offer greater service to the state if the staff would initiate a fact-finding program to bolster the accuracy and efficiency of the practicing veterinarians as well as continue its vigilance toward controlling epidemic diseases. Therefore:

- (a) The President asked the Board's authority to begin this new philosophy in the Livestock Sanitary Work.
- (b) The President asked also for authority to look for a new head of the

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Livestock Sanitary Division and to work out arrangements with the Federal Livestock Sanitary Officer in order that the new appointee may begin his services July 1, 1945.

W.K. Lewis

(c) The President asked also for the Board's authorization to notify Dr. W. K. Lewis immediately that his retirement will become effective June 30, 1945, provided his services remain satisfactory in this interim. Dr. Lewis will be 69 years of age on January 22, 1945.

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

Milbank funds

33. The administration of the Milbank funds begins to take favorable and satisfactory trends. The College, through its Extension Service, remains in control of the educational and leadership activities in developing and projecting needed values for the farmers. It is desirable to lease the property to what might be termed an Association Committee, chosen for the purpose of rendering services not within the scope of the College, such as the purchasing and selling of commodities, but advantageous to the farmers of Jasper County.

The President asked for the Board's authority to proceed in this manner with the Milbank Project and to initiate a lease which is acceptable to the College attorney.

Approved.

34. It seems desirable that lands taken out of production by the Federal Government and leased to the College be deeded to the College.

The President asked for the Board's authority to investigate the possibility of securing the transfer of the property and to make the transfer if it can be done advantageously.

Approved

Radio sponsorship

35. Radio ^{time} is sold outright or otherwise sponsored. The full use of the radio by the College is hampered by this condition. Allowing sponsorship of our prepared records, scripts, and educational information from the College would greatly enhance this program and would give greater coverage of the state to news from the College. The President thinks well of the possibility and asked authority to permit the Committee on Radio to experiment for the coming year with sponsorship of our news.

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

Greenhouses

36. The President recommended the centralization of all greenhouses on the College campus as far as is practicable to do so.

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

37. The President recommended that the unexpended balances on current appropriations for

- (a) Development Animal Husbandry Plant . . . \$15,000.00
- (b) Engineering Testing Machine. 12,390.00
- (c) Electronics Equipment. 3,000.00

be transferred on June 30th to the Equipment and Plant Additions Account, but to be spent as originally approved, in order that they may be used to pay the balances due as the equipment is received and invoices are rendered.

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

Dev. Husband plant
Eng. Test Mach.
Elec. Eq.

38. The President recommended that the bond which is collected by the Department of Fertilizer Inspection and Analysis from manufacturers for infractions of the fertilizer law be the amount of the probable fine.

During the past few years the action of the Board of Fertilizer Control

Dev. Husband plant
Eng. Test Mach.
Elec. Eq.

June 16, 1944

on cases which we have had in violation of the fertilizer laws, has been to fine them twenty-five dollars or the value of the fertilizer whichever is greater. In cases involving shortages of weights in dealer's warehouses a formula was worked out which determined the amount of the fine.

According to the present policy this department collects a bond in the form of a certified or cashier's check for the value of the fertilizer. In some cases this has amounted to as much as \$1,500.00 or more. In several cases the manufacturer has declined to post bond for these large amounts and has left the goods impounded until the Board meets. This, in many cases, works a hardship on the farmer who has purchased the fertilizer. In other cases the manufacturers have waited for several months after the meeting of the Board to pay the assessed fine.

Approved

39. The President asked authority to pay Dr. G. H. Collings, Professor of Soils, \$150.00 per month for June, July, and August from Agricultural Experiment Station Funds. (Dr. Collings is employed on a nine months' basis.)

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

40. The President recommended that right-of-way be granted to the Army of the United States of America across the lands of the Sandhill Experiment Station near Pontiac, South Carolina, for the purpose of constructing an electric line to the bombing range nearby, provided that such construction does not interfere with growing crops or other experiments.

Moved by Mr. Douthit and Seconded by Mr. Sanders: That the recommendation be approved.

Motion Adopted

41. The minutes of the meeting of the Board of Fertilizer Control recorded the irregularities reported and action by the committee as follows:

	<u>Material</u>	<u>Bags</u>	<u>Irregularity</u>	<u>Seized by</u>	<u>Fine</u>
1. Banks Fertilizer Co. - 3-9-9		- 8 -	Incomplete Analysis	- J. C. Young	- None
St. Matthews, S. C.					
2. Gresham Fertilizer Corp. - Ammo. Nit.		- 12 -	No tax tags	- E. W. Ammons	- \$35.00
Greenwood, S. C.					
3. Gresham Fertilizer Corp. - Ammo. Nit.		- 12 -	No tax tags	- E. W. Ammons	- 35.00
Greenwood, S. C.					
4. Gresham Fertilizer Corp. - Ammo. Nit.		- 50 -	No tax tags	- E. W. Ammons	- 35.00
Greenwood, S. C.					
5. Merchants Fertilizer Co. - Mur. Pot		- 15 -	No tax tags	- G. C. Temple	- 25.00
Charleston, S. C.				ton	
6. Southern Cotton Oil Co. - Manure		- 10 -	No tax tags	- E. W. Ammons	- None
Columbia, S. C.	Salts		& no analysis on tags or bags		
7. Southern Fertilizer & Chem	6-8-6	- 100 -	N. C. tax & source tags	- W. B. Kirby	- None
Savannah, Ga.					

Moved by Mr. Sherard and Seconded by Mr. Douthit: That action by the committee be approved.

Motion Adopted

42. The minutes of the meeting of the Agricultural Committee, which included items 35 and 38 of these minutes, were submitted for approval.

Approved

43. The President presented the following memorandum from Mr. Harold Major, College Attorney.

Anderson, South Carolina
June 15, 1944

MEMORANDUM FOR PRESIDENT R. F. POOLE

Dear Dr. Poole:

June 16, 1944

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Pursuant to your request I investigated the matter of a bequest of \$12,500.00 by Dr. Alexander P. Anderson to the Student Fellowship Fund that he and Mrs. Lydia Anderson established in 1933.

Anderson
Fellowship
Bequest

John P. Anderson, son of Dr. A. P. Anderson, has qualified as Administrator of the estate of Dr. Anderson who died on May 7, 1943 and under his statement communicated to you under date of April 22, 1944 I have looked into the law concerning this bequest.

Under the case reported in 171 NW page 945 in the case entitled In Re. Gailey's Will the Supreme Court of the State of Wisconsin decided "marriage alone does not revoke a prior will". I have searched the Wisconsin Statutes through the 1943 edition and I do not find any section where it is declared that a will made before marriage is void by subsequent marriage.

From my information it appears to me that we have the legal right to file claim against the estate of Dr. A. P. Anderson for the additional \$12,500.00 which he desired to place in the above mentioned fund.

Very truly yours,

Harold Major,
Attorney at Law

Moved by Mr. Brown and Seconded by Mr. Sanders: That the Administration and the College Attorney be authorized and requested to take such action as may be necessary to protect the interests of the College, and collect the amount due by the bequest of Dr. Alexander P. Anderson.

Approved

44. At the Board Meeting of April 7, 1944 action was deferred until the June Meeting on the following recommendation.

The President recommended that authority be granted to proceed with negotiations for the purchase of land from the Charleston Agricultural Society at the Truck Station so that the transaction may be completed immediately after July 1, 1944. The sum of \$8,000.00 was appropriated by the 1944 Legislature to purchase land, buildings, and equipment.

Purchase of Land

Moved by Mr. Brown and Seconded by Mr. Sanders: That authority is hereby given to proceed with the purchase of land from the Charleston Agricultural Society, at the Truck Station and to proceed with the building program as funds may become available.

Approved

Forage Investigation

45. Mr. Paul Sanders reported for the committee appointed to investigate the desirability of spending \$5,000.00 of 1944-45 appropriation for Lime and Forage Investigation for further drainage work at the Coast Experiment Station as recommended at the April 7 Board Meeting. He reported that the committee had met and approved of the expenditure for further drainage work.

Moved by Mr. Sanders and Seconded by Mr. Sherard: That the recommendation be approved.

Motion Adopted

46. In order that the College may make settlement with the Commissioners of the Sinking Fund the following resolution was made:

Moved by Mr. Douthit and Seconded by Mr. Sanders: That

Transfer of Funds

Whereas, Acting under authority of Section 4-A of Act No. 213 of the Acts of the General Assembly of 1943 (commonly known as the Bond Retirement Act), the State Budget Commission passed, on September 23, 1943, a resolution directing the State Treasurer and the Comptroller General to transfer from the General Fund of the State the sum of \$3,000,000.00 to the Commissioners of the Sinking Fund, the same sum of \$3,000,000.00 to be handled in the manner and for the purposes set forth in said Section of Act No. 213; and

Whereas, said resolution further directed the institutions enumerated

505 June 16, 1944

to transfer on or immediately after January 1, 1944, to the Commissioners of the Sinking Fund all cushion and sinking funds accumulated by the institutions for the retirement of principal and interest on the revenue bonds issued by said institutions and which revenue bonds on and after January 1, 1944, became an obligation of the Commissioners of the Sinking Fund under Act No. 213; and

Whereas, a part of the cushion and sinking funds above named and accumulated by Clemson Agricultural College of South Carolina for retirement of their revenue bonds have invested in United States War Savings Bonds, and it is desirous that these bonds be transferred to the Commissioners of the Sinking Fund as well as such cash accumulated in said cushion and sinking funds;

Now, Therefore, Be It Resolved by the Board of Trustees of Clemson Agricultural College of South Carolina, That the United States War Savings Bonds now held in the cushion and sinking funds of said Clemson Agricultural College of South Carolina for the retirement of their revenue bonds be delivered to the Commissioners of the Sinking Fund and that the proper officers of the said Clemson Agricultural College of South Carolina make proper application to the Federal Reserve Bank of Richmond, Virginia, or such other governmental agency as is necessary to have said War Savings Bonds re-issued in the name of the Commissioners of the Sinking Fund of South Carolina, which department of our State government is now the proper holder and owner of these War Savings Bonds.

Done in regular meeting of the Board of Trustees of Clemson Agricultural College of South Carolina, held at Clemson College this 16 day of June, 1944.

47. The President presented a letter from The Fort Hill Committee of United Daughters of the Confederacy requesting a donation for use in assisting them to purchase and retain at Fort Hill the portrait of Mrs. Clemson.

Moved by Mr. Brown and duly Seconded: That the President be authorized to donate \$300.00 from College funds to assist the Fort Hill Committee in purchasing the portrait of Mrs. Clemson.

Approved

48. The account of the Edisto Station shows a surplus in cash and 143 bales of cotton in bonded warehouse.

Moved by Mr. Brown and Seconded by Mr. Sanders: That within limits of funds available from surplus and sales of Farm Products of Edisto Station the College authorities are authorized and directed to negotiate for and proceed with the purchase of Carroll Plantation for addition to Edisto Station; and out of those funds, if available, contribute \$7,000.00 for the building program at the Truck Station.

Motion Adopted

49. The President requested Mr. Littlejohn to present the budget for 1944-'45 and Mr. Littlejohn proceeded with the presentation. Briefly, the budget is as follows:

Collegiate Activities and Fertilizer Inspection	
and Analysis	\$614,600.00
South Carolina Experiment Station.	476,647.00
Agricultural Extension Service	798,580.24
Livestock Sanitary Work.	48,550.00
State Soil Conservation Committee.	7,500.00
Camps Long and Bob Cooper.	4,000.00

Moved by Mr. Brown and Seconded by Mr. Sherard: That the budget be approved.

Motion Adopted

50. At the request of the Chairman the Acting Secretary presented the following resolution:

Resolved that all measures and recommendations made at this June 16, 1944 meeting, which, according to the By-laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer

June 16, 1944

er be authorized to issue his checks for all expenditures authorized at this meeting.

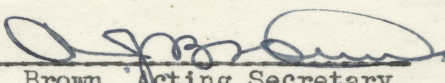
The resolution was unanimously adopted on roll call vote, five members present voting "aye".

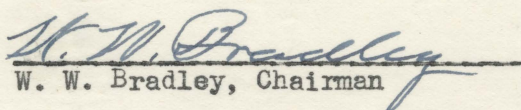
See Exhibit "a" for "aye" approval by: Messrs. Christie Benet, James F. Byrnes, R. M. Cooper, F. E. Cope, W. Clyde Graham, James P. Mozingo, J. E. Sirrine, and Thos. B. Young.

There being no further business it was Moved by Mr. Brown and Seconded by Mr. Sanders: That the Board now adjourn.

Motion Adopted

The Board adjourned at 1:45 P. M.


A. J. Brown, Acting Secretary


W. W. Bradley, Chairman

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

Approved-

Christie Senei

June 27th 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

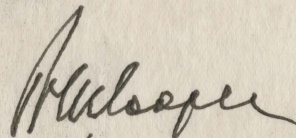
Approved-

James I. Byrne

June 24 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

Approved-



June 28 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

Approved-

F. E. Cope

June 16 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

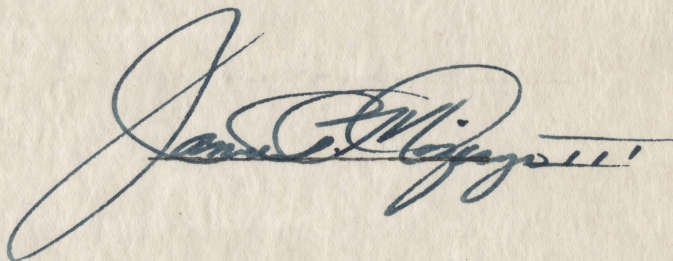
Approved-

W. L. Graham

June 13 - 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

Approved-

A handwritten signature in blue ink, appearing to read "James E. Wiggins", written over a horizontal line.

June _____ 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

Approved-

J. E. Irvine

June 27 1944

Resolved that all measures and recommendations made at this the June 16, 1944 meeting, which according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed by members present and the Secretary present the proceedings of this meeting to a sufficient number of absentee members in order to obtain the quorum vote of nine members and thereby confirm the proceedings of this meeting, and on approval of required number that the Treasurer be authorized to issue his checks for all expenditures authorized at this meeting.

Approved-

Thos B. Young

June 16 1944